



7B8

PENTAGRID CONVERTER

7B8

GENERAL DATA

Electrical:

Heater, for Unipotential Cathode:

Voltage. 6.3[□] ac or dc voltsCurrent. 0.3^{□□} ampDirect Interelectrode Capacitances:[○]

Grid No.4 to All Other Electrodes (RF Input) 10.0 . . . μf

Plate to All Other Electrodes (Mixer Output) 9.0 . . . μf

Grid No.1 to All Other Electrodes except
Grid No.2 (Osc. Input) . . . 5.0 . . . μfGrid No.2 to All Other Electrodes except
Grid No.1 (Osc. Output) . . . 3.4 . . . μf

Grid No.4 to Plate 0.2 max. μf

Grid No.4 to Grid No.2 0.2 max. μf

Grid No.4 to Grid No.1 0.2 max. μf

Grid No.1 to Grid No.2 0.9 . . . μf

[○] With external shield connected to cathode.

Mechanical:

Mounting Position. Any

Maximum Overall Length 2-25/32"

Maximum Seated Length. 2-1/4"

Maximum Diameter 1-3/16"

Bulb T-9

Base Lock-in 8-Pin

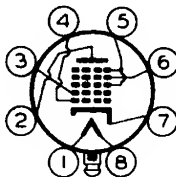
Basing Designation for BOTTOM VIEW 8X

Pin 1 - Heater

Pin 2 - Plate

Pin 3 - Grid No.2

Pin 4 - Grid No.1

Pin 5 - Grid No.3,
Grid No.5

Pin 6 - Grid No.4

Pin 7 - Cathode

Pin 8 - Heater

Plug - Base
Shell*Maximum Ratings and Typical Operating Conditions for the
7B8 are the same as those for Type 6A8*[□] Nominal voltage = 7.0 volts.^{□□} Nominal current = 0.320 ampere.

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TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

DATA